

**ABSTRACT OF THE DISCLOSURE**

5           The invention relates to a method for preparing a mineral melt for mineral  
fibres production, in particular rock wool used for thermal and/or acoustical insulation  
or for fire protection, stock culture substrates, reinforcement, and filtering fibres. The  
inventive method consists in breaking and compacting at least industrial residual  
10       materials and correction materials which are used for regulating the required  
composition and viscosity of the mineral melt with a bonding agent in such a way that  
moulded pieces can be formed and, afterwards transferred to a melting unit. The aim  
of said invention is to improve a method for the preparation of a mineral melt for  
producing rock wool in a low-cost manner optimizing properties of produced mineral  
15       fibre articles. For this purpose the components of the moulded pieces, in particular  
the correction materials and/or other components of a mixture are substituted at least  
partially by granulated combustion products, in particular ashes or slags produced by  
combusting lignite and/or coal-dust, waste paper or wood chips.